

Approved Minutes of the Technical Advisory Committee Meeting
June 12, 2007

Members present: Allison Lowry Bernie Chenette
Kim Greenwood Gail Center
Rodney Pingree Lance Phelps
Jeff Williams John Forcier

Others present: Frank O'Brien Scott Stewart
Anne Whiteley

Scheduled meetings:

August 14, 2007	1-4 PM	Room 100 Stanley Hall <u>Cancelled</u>
September 18, 2007	1-4 PM	Room 100 Stanley Hall
October 9, 2007	1-4 PM	Room 100 Stanley Hall
November 13, 2007	1-4 PM	Room 107 Stanley Hall
December 11, 2007	1-4 PM	Room 100 Stanley Hall

Review of agenda

Rodney asked that there be a discussion of separation distances & variances.
Kim gave a brief report on the Non-Point Source Conference, sponsored by NEIWGCC, which she had attended. The conference included a visit to the URI Training Center.

Review of minutes

The minutes of the May 15, 2007 meeting were reviewed and accepted as presented.

H.296 is effective as of May 18, 2007

Anne led a brief discussion of the key points of H.296 including the date chosen for Clean Slate was January 1, 2007. Anything that existed as of that date is considered legal for the purposes of the Rules. Funding was included, however, the slope change did not get included.

Review of comments (and responses) on the Rules

Anne reviewed some of the highlights of the comments and the Agency response.

No change in ground slope.

Clean Slate – Public Building design flow – as existed on or after 01/01/06
Deferred Permits – no need to reissue

Municipal Permit exemptions
Seasonal conversions – existing potable water and wastewater
Replacement water supply exemption – only SFR
Class A waters (1-801) ID permits, WW < 1000 gpd, circumvention concerns -
<1000 gpd/system, <6500 gpd/lot, Proposed – no new soil based
WW systems > 1000 gpd or additions to > 1000gpd, no more than
1 WW system/lot & no more than 1 lot/application. “Really need
to change the Statute.”
Mounds do not have to be 150% to do away with replacement area, anything
other than mound needs 150% capacity of leach field.
Change in the GPS requirements on applications – 4 decimal places vs. 5.

There was a lengthy discussion of a report that was prepared (signed late) on the affect on
land use issues because of the use of performance based systems.

TAC Members (Executive Committee) to attend the LCAR Hearing

Separation Distances and Variances

Rodney led a discussion on the need for standards for Variances for separation from
water source to contamination sources. Anne suggested that there are baseline variance
standards which were included in the 2002 bill and are therefore in statute (10VSA64).
Anne stated that any additional standards could be included in the Rules as a guidance
document.

Water Treatment Systems

The subcommittee prepared no conclusions. Lance stated that Roger was to produce a
draft and that just before he had left the subcommittee meeting he had lobbed a grenade
suggesting an exemption for single family residences from the requirement of having an
engineer design the water treatment system. Anne suggested leaving the Rules as they
are, but flagging the issue for the next Rule change permutation. Lance feels that it is not
likely that the average engineer has experience with treating contaminants in small water
treatment systems. It may be best to allow SFR's to be handled as they are now (Culligan
Man). The issue will go back to the Water Treatment Subcommittee. Several members
of the TAC agreed that there should be a requirement for testing of new wells for SFR's.

Next Meeting

The next TAC meeting was tentatively scheduled for August 14, 2007.

Feedback

John stated that there were a lot of “site techs” at the recent ACEC soils seminars, but
that they had signed up late and had necessitated the addition of an additional session.
He felt that there should be a greater effort to try to coordinate with DEC to get the word

out. Allison agreed but stated that she had not received word of the seminars until shortly before the scheduled dates.

Items prioritized for discussion with high, low, and medium ranking

- 1.. Encourage I/A **low**
2. Soil identification vs. perc test **medium**
3. Colorado rule **low**
4. Permit by certification **low**
5. Curtain drain with presumption of effectiveness **high**
6. Field change policy **high**
7. Revisions to desktop hydro chart **medium**
8. Minimum amount of sand under a mound **high**
9. Grandfathered design flow and conversion of use policy **high**
10. Updating of design flow chart **high**

Recommendations made:

1. Revisions to mound sand specification
2. Lake water systems

Topics list - items not ready for drafting for inclusion in rule revisions

1. Drip disposal
2. Changing the 20% slope restriction to 30%
3. Replacing perc test with soil identification approach
4. Defining when effluent is no longer wastewater
5. Disinfection
6. Colorado Rule – reduction in isolation distance to wells based on construction methods
7. Certification and audit approach to permitting
8. Field change policy
9. Revise existing desktop hydro chart
10. Conversion of use policy, including grandfathered flows
11. Revise design flows
12. Increased loading rate
13. Wells shields across property lines
14. Whether less than 12” of sand should be allowed under mound systems

Executive Committee

John Forcier, Steve Revell, Lance Phelps, Phil Dechert, and Roger Thompson
Alternates – Chris Thompson, Bernie Chenette, Spencer Harris, Jeff Williams

Subcommittees

Hydrogeology - Allison Lowry, Craig Heindel, Dave Cotton and Steve Revell.

Training subcommittee - John Forcier, Roger Thompson, Allison Lowry, Dave Cotton, and Barbara Willis.

Licensed designers - Spencer Harris, Alan Huizenga, and Gerry Kittle.

Well driller's knowledge checklist - Jeff Williams, Rodney Pingree, Roger Thompson, Bernie Chenette, Gail Center and Steve Revell.

Interested in the delegation rules - Spencer Harris, Gerry Kittle, Phil Dechert, and Alan Huizenga

Drip Disposal – Frank O'Brien, Roger Thompson, Dave Cotton, Steve Revell, Alan Huizenga

Surfacing systems – Craig Heindel, Steve Revell, Frank O'Brien, Roger Thompson, Bruce Douglas, Gail Center, and Brian Kooiker.

Water treatment systems – Gail Center, John Beauchamp, Jeff Williams, Rodney Pingree, Dave Cotton, Lance Phelps, and Roger Thompson.